# Amet Vikram

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## Academic Details

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|---|---|---|
| **B.E. (Hons.)** **Computer Science, 2020** | B.I.T.S Pilani University, Goa Campus | **6.41 C.G.P.A** |
| **Senior Secondary, 2015** | B.G.S International Public School | **89 %** |
| **Secondary, 2013** | B.G.S International Public School | **9.8 C.G.P.A** |

## Work Experience

**IBM India PVT. LTD.**
**SDE Intern**
**(Jul 2019 – Dec 2019)**

- **Project Title:** Integrating "Apple's Identity" via "Sign in with Apple REST API 1.0" framework with IBM's Cloud Identity Connect Software
- **Project Domain:** Authentication Services, Cloud Identity, IDaaS, Microservice, DevOps
- **Technology Used:** Java, Gradle, Docker, Jenkins, IBM Cloud Identity Connect

**Webel Tech**
**(E – Governance)**
**SDE Intern**
**(May 2018 – Jul 2018)**

- **Project Title:** Analysis of E-transaction in India over different states, zones and all India.
- **Project Domain:** Data Analysis, Web Scrapping, Time Series Forecasting
- **Technology Used:** Python, MySQL, IBM SPSS

## Projects

- **Building a Reinforcement Learning model to solve CartPole-v1 problem:** The task was to build a reinforcement learning model that will balance the pole on a cart which is running on a flat terrain with noisy set of parameters like action and sensors. Moreover, the values of gravity and friction randomly vary at each step for the same step. I was required to solve 3 different subtasks in the problem. **(see project at github)**

- **Object Localization using Convolution Neural Network:** The project was part of **Flipkart GRiD competition.** The task required to build a state of the art deep convolution neural network for object detection in the image and output the bonding box coordinates for the object in the image. The CNN was trained over 14000 image training datasets. **(see project at github)**

- **Creating Smarter Clients based on top of Linked-Data and Semantic Web:** The objective of this project is to design and implement a proof of concept and come up with a software for Linked-Data and semantic web. **(see paper at github)**

## Skills

**Languages:** Java, C++, Git, Python, Javascript, MySQL

**Technology and Frameworks:** REST API, Authentication Protocols, NodeJs, Back-End, Unix, Cloud Identity

## Relevant Coursework

Data Structures and Algorithms, Object Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, Software Engineering, Machine Learning, Data Mining, Neural Networks and Fuzzy Logic, Design and Analysis of Algorithms, Number Theory, Cryptography

## Competitions

**Flipkart GRiD – Te[a]ch The Machines | 2019**

- GRiD is Flipkart's engineering campus challenge is designed for Data Scientist, where Machine Learning and AI capabilities are tested.
- This year's challenge was on **Object Localization in images.**
- Out of **6000 teams** our team secured **rank 58 in level 3.**